## JP04108182A





| Title                 | FLAMEPROOFING SHADE CURTAIN AND PRODUCTION<br>THEREOF  |                  |  |
|-----------------------|--|------------------|--|
| Abstract              | PURPOSE: To obtain the subject curtain excellent in durability of flameproofing properties by using a flame-retardant textile base material as the surface layer of the curtain, forming a flame-retardant containing polyurethane porous layer on the back surface of the above-mentioned base material layer using wet method, further forming a coating layer thereon and coloring one of the above-mentioned layers using a dark color.  |                  |  |
|                       | CONSTITUTION: A flame-retardant textile base material or a textile material given flame- retardant treatment is used as the surface layer of a curtain and a flame- retardant containing polyurethane is applied to the back surface of the above-mentioned base material and then coagulated to form a wet method type porous layer. On the other hand, a polyurethane containing a flame- retardant and a colorant is applied to a release paper to form a coating layer. To the upper surface of the resultant layer, the above-mentioned porous layer surface is then bonded by thermal compression bonding while heating the porous layer at 170°C, thus obtaining the objective flameproofing shade curtain excellent in hydrolysis resistance and light resistance. As the polyol constituting the above-mentioned polyurethane, a polyester- based diol having =170°C softening point is preferable from the point of view of heat resistance. As the flame-retardant, a bromine-containing urethane compound which is a reaction product between a bromine-containing compound or a bromine-and phosphorus-containing compound respectively having one or more active hydrogens and an organic polyisocyanate is exemplified.  COPYRIGHT: (C)1992,JPO&Japio |                  |  |
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| US Field of<br>Search |  |                  | · · · · · · · · · · · · · · · · · · ·  |

